

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/012346A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B64G1/00 B64G5/00 F41F3/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

minimum documentation searched (classification system followed by classification symbols)
IPC 7 B64G F41F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/62594 A (DEMOLE, FREDERIC, JEAN-PIERRE) 30 August 2001 (2001-08-30) cited in the application	1, 2, 4-8, 11-13
Y	the whole document	3, 9, 10
Y	US 3 363 508 A (STAHLER BERNHARDT) 16 January 1968 (1968-01-16) column 1, line 1 - line 80 figure 1	3, 9, 10
A	BOLONKIN A: "Non-Rocket Missile Rope Launcher" 53RD INTERNATIONAL ASTRONAUTICAL CONGRESS, 10 October 2002 (2002-10-10), XP008044921 HOUSTON, TX, USA page 1 - page 2, column 1, paragraph 2	1, 2
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the International search

31 March 2005

Date of mailing of the International search report

07/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx: 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Calvo De No, R

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/012346

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 088 698 A (ONGARO THEODORE) 7 May 1963 (1963-05-07) figures 1,4 column 1, line 1 - line 40 column 1, line 66 column 3, line 32 - line 70 -----	1,2
A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 498 (M-1325), 15 October 1992 (1992-10-15) & JP 04 183700 A (MITSUBISHI HEAVY IND LTD), 30 June 1992 (1992-06-30) abstract -----	1,2

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No	
PCT/EP2004/012346	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0162594	A	30-08-2001	AT	257450 T	15-01-2004	
			AU	3393901 A	03-09-2001	
			BR	0108615 A	07-01-2003	
			CA	2401227 A1	30-08-2001	
			CN	1419508 A	21-05-2003	
			DE	60101732 D1	12-02-2004	
			DE	60101732 T2	02-12-2004	
			DK	1261517 T3	29-03-2004	
			EA	4556 B1	24-06-2004	
			EP	1261517 A1	04-12-2002	
			ES	2211767 T3	16-07-2004	
			WO	0162594 A1	30-08-2001	
			JP	2003523888 T	12-08-2003	
			NZ	521512 A	27-02-2004	
			US	2003110857 A1	19-06-2003	
US 3363508	A	16-01-1968		NONE		
US 3088698	A	07-05-1963		NONE		
JP 04183700	A	30-06-1992		NONE		